OUR GREAT STAPLE.

Valuable By-Products of Cotton.

Scientific American.

turing oil and cotton-seed gantic proportions. mail some ten to fifteen million dol- In Egypt, the common cotton of the as come rapidly to the front.

he plow to increase the fertility of profitably. he land. It was supposed that the In connection with employing the ithout materially injuring the soil. | considerable value. hus cotton has been raised on the

padensed foods the hulls were readily paints or wood-fillers. It dries very ten by the animals, and that they slowly and imperfectly, and this seems ere of great value in helping to di- to debar it forever from entering into stand assimilate bran, cracked corn, competition with linseed and similar ad meal. Moreover, it was proved oils for the drug and paint trade. As ya succession of feeding tests that a lubricant, the best refined cottonpercent of the protein of the hulls seed oil is very satisfactory, and it is as digestible, 38 per cent of the in considerable demand in the machine ler, 40 per cent of the nitrogen ex- trade. act, and 77 per cent of the fat. The se they make a good substitute for

ey ferment and heat. ccessfully utilized. As a by-proet of the cotton crop, the stems mise to prove as important as the After the crop was harvested with lard. animals were generally turned se on the land, and they would eat stalks would be left untouched. .

was only recently that a process cause to shrink. s patented for this purpose. The

The question of opening up the pronounced by experts to be ffrst-class markets of Japan and the far East for in every way. The yeald of the fiber ear cotton has given the Southern is large, and when satisfactory macrowers a slight hope for better times; chinery is produced a considerable but while the prospects of another bagging industry will be built up near hare crop keep prices down, and affect the cotton fields. Five tons of good the planters disastrously, science is stalk will yield about 1,500 pounds of smalls laboring to widen the field of first-class fiber. At this rate the consumption and to create new indus- annual cotton crop will produce all gos that will utilize all of the by-pro- the bagging needed for cotton baling bets file crep. The achievements in and leave a good percentage for other a, its tion have been so noteworthy purposes. Of course the industry is is it is that one is led to place largely in the experimental stages yet. officence in the promises but if it works as well as the cotton-By the single dis- seed oil industry did, it will not be set) the value of the cotton seed many years before it will assume gi-

his war and to the receipts of the Nile districts (Gossylii radieis cortex) sand edien crop. Now that an produces a large root, the bark of pommus industry has been built up which has long been used for medicinal and termanently established for con-purposes. The action of this bark is rettled the cotton seed into oil, the similar to that of ergot. This fact egestion of utilizing other parts of the has led to investigations here, and it etten plant for commercial purposes is believed that another by-product of the cotton crop will be soon found in Originally the lint was considered the roots of the plants. The drug be only valuable part of the cotton would be useful in many ways and nop. and the seeds, the stalks, the might prove of great value. Chemists nots and hails were either burned on have approved of it, and it is now he land or turned under the soil by largely a question of extracting it

otton drew so much fertility from the cotton-seed hulls as food for animals, all that it would soon rob it of all it might be said that any surplus of weer for plant production and in the crop can be utilized in making me make it worthless. Scientific artificial fertilizers. Cotton-hull prestigations and analysis of the soil ashes are very valuable for furnishing are demonstrated, however, that, of a cheap potash for the tobacco crop, the staple crops, cotton imposes and there is quite a demand for it in he slightest drain upon the land. By all of the tabacco growing districts of applying special fertilizers, all of the this country. The quality of these can be removed year after year ashes varies, but as a rule they are of

This leaves little of the cotton plant me plantations for over half a cen- either to go to waste or to be returned ary, and the land to-day is almost as to the soil. Every part of it is turned etile as when the virgin soil was to some profitable use, and as the st broken with the eld wooden plow. years go by new uses for the products This demonstration has led to im- will be discovered. Already the cotentant results. After the cotton ton-seed oil-the most valuable byed the cotton-seed hulls were product of the crop-has found its elected for scientific investigation. way into fields never dreamed of when he hulls of a cotton crop constitute it was first extracted. Improved bout half the weight of the ginned methods of refining it are gradually ed. These hulls are hard, dry, and forcing the oil into direct competion parently useless, and they are cov- with more expensive oils. It has ed with a fuzzy lint that further de- been found that the upland cotton nots from their appearance. In fact, seeds yields a purer and better oil ntil very recently they had no practhan the cotton raised along the scain value, and they were disposed of coast. The climate also has much to various ways by different planters. do with the quality of the oil, and unhe majority returned them to the der the same conditions, cotton-seed oil oil to help fertilize it; but analysis made in this country is superior to howed that their constituent ele- that manufactured of the Egyptian or ents did not enrich the land to any Indian cotton-seed. The oil first extracted by expression is odorless, and But as substitutes for hay the cot- of a dark, brownish-green color. This the seed bulls are of incalculable value. is treated with alkaline solutions, and eretofore the hulls have been used a clear, pleasant, yellow and odorless y a good many of the cotton-seed oil is produced. The residue is called ills for fuel, and as fuel they are soap stock and enters largely into the onth about 80 cents to 90 cents per manufacture of soaps. The refined pu; but as animal food they are worth oil is consumed chiefly as a food promore. Experiments were first duct, as it makes a good substitute ade a few years ago in the vicinities for salad and cooking oils, and also for the oil manufacturing centers, such packing sardines and other fish. It Memphis, New Orleans, Houston, has its limits, however, and the manittle Rock, Raleigh, and Atlanta. ufacturers have not been able to make was found that when mixed with | it take the place of oils for mixing

Refining processes are constantly alls are light and bulky, but other- developing new uses for the oil. The vellow oil resulting from the first prow in the South, where grass crops cess of refining, through treatment re always been notoriously small with alkaline solutions, is further purid inferior. The hulls are baled or fied by heating and filtration. Then assed into sacks, and in this gon- the white oil of commerce is obtion they keep for a long time. tained by shaking the yellow oil with hen packed away in bulk, like hay, 2 or 3 per cent of fuller's earth. In purifying the yellow oil about 25 per Now that the cotton seeds and hulls cent of it is separated in the form of ring been profitably disposed of, stearin. This cotton seed stearin is stems of the plants have attracted employed in making candles and the tention, and already they have been various preparations of butter and lard surrogates.

For some time this cotton-seed oil was mixed with lard intended for cold is. The plants of the cotton crop climates, and then its fluidity was corre long ranked in the South as a rected by mixing it with beef fat. arse animal food, about equal to the Now this is often sold on its own merme quantity of rye, wheat, or oat its in the market in open competition

Finally, there is a wash powder made from the soap-stock, that owes stubble in places and grind some its origin to cotton-seed oil. This is it into the soil. These stems would obtained from the residue left after stripped of their foliage and ten- the oil is refined. The soap, itself, twigs by the cattle, but the hardy, made from the oil, is used extensively by the woolen mills of this and other The question of utilizing these countries. It has been found to be ms as fiber for cotton bagging at- of special value in washing woolen and the gypsy said I'd have seven eted attention some years ago, but goods, which it does not injure nor

Thus it is that the by-products of s are very rough and coarse, and the cotton crop are multiplying, and tetists found same difficulty in in the end they may prove more valuking machinery that would work up uable than the lint. At present not months, but they died anyhow. But ceived from it, and know its value material satisfactorily. The fiber much more than one-third of the cot- here is my new husband now. I was from the use of it in my own houses found to be good when once strip- ton seed is used for manufacturing oil just telling the gentleman," she said, hold. It is so pleasant to take that and sorted out. Samples of the and similar products; but, as the deging made from the stems have mand increases, and facilities improve man, who entered, "that I don't like tested in the South, and it is for handling the seed, the value of the my husbands to die."

crop will increase, and in time cottonseed oil will represent an annual value more than equal to the actual worth of the cotton lint.

SHE'S UP IN WEDLOCK.

Marriage is Not a Failure, Says Mrs. Smith, of Missouri.

Chicago Chronicle.

Mrs. B. D. Smith, of Humansville, Mo., asserts that marriage is not a it while I get supper." failure. She ought to know, as she

"I have often thought," said Mrs. a failure?' I would most positively children-two of them married. assert that it is not a failure. I have had seven husbands and buried five of be home in a moment; he is out attending to the cow now.

"Yes, my life has been a series of strange incidents. I have had much up more determinedly, "I never give up. I look the present squarely in the face and trust to the Lord to make the future brighter. He has always

"Tell you something about my life? Well, there is not much to tell, but I'll try it. I am a little confused about dates. You see, I had so many husbands and so many things happened that I can hardly be very exact.

"I have known Brother Smith-you see, I call him brother from force of habit all my life. He was and is my pastor. How long was he engaged to me? Why, bless your soul, one day. We knew each other all our life-all my life, I mean. He came over to see me Sunday night and talked it up. We were married on Tuesday.

"My seven husbands were all engaged but a short time, and I now have-let me see, sixteen or eighteen step-children. And they all love me. Whenever they are married I give them a wedding dinner and set them up in housekeeping. There are three sets of them, too. They come to see me and whenever my husbands die they offer me a home.

"I knew my first husband, Mr. Vice, year, Mr. Milligan six months, Mr. De Priest I knew eighteen months, but we were engaged but three weeks. Mr. Crozier I knew four years and was engaged to him but two months. Mr. Dougherty I knew a week.

"Neff I knew nine months, but we sparked only three months. We lived | children. together only six months.

"I was happy with every one, too," she went on in a low tone, a far-away look stealing over her matronly feaa cross work or the slightest quarrel p. m." with any of my husbands; they all wearing kind.

"Yes, I've had a good many offers, but I always know what I'm doing, and when I make up my mind I don't believe in delay. I just go ahead and get the thing over with. You see Neff turned out bad, but it wasn't my fault. I made him a good wife."

It has always been said in the community that Neff disappeared, and has garments of her departed spouses, and | thing. shows them to their successors. When she entertained Neff in this way six months after she became his wife, she his promise to return by 1 o'clock: dusted the garments off and remarked in a teasing way :

"I'll be dusting yours off this way

some time." To this proposition Neff is reported to have promptly and energetically replied: "I'll be - if you do," and forthwith disappeared.

"Do I remember how my husbands looked? Indeed I do. I have their pictures, too.

"When I married Mr. Dougherty he had met my mother but once and I introduced him to her as my husband. She said she supposed it was all right, and that she wasn't at all surprised."

According to the stories in town, Mrs. Smith had her fortune told by a wandering gypsy at Brighton, Mo., years ago. Part of the revelation was that she was to have seven husbands, that the seventh would survive her, and that two of the seven would break into the penitentiary. When asked

about this Mrs. Smith said : "It's only partly true. I had my fortune told, as they say, by cards, husbands, and that the seventh would outlive me. I try to make them for sold more of this particular medicine get it, but they won't. I don't want | than of all other makes for the previ my husbands to die. I nursed Crozier sixteen months and Dougherty fifteen

The colonel looked thoughtful a moment, and said:

they do it, anyhow. She marries real | deceased soldiers, who are expected to

'you was real nervous for a few days, the ground, and ten inches wide. and I kinder thought you was coming around

'would rather be addressed as a min- and pots for medicines, some containister than as colonel. He has an army | ing traces of ointment, were recently record, though. He'll tell you about found in the rains of an ancient Ro-

has been married seven times. De- County, Missouri, November 12, 1843, the old spite her 55 years Mrs. Smith is still and raised in Harrison County. At youthful and handsome. She has the age of 15 years she married George Mo., Advance, "the geoth men who lately married again, and the newly H. Vice, December 25, 1858. They manipulate bricks aws contemplate raiswedded couple are living in a little lived together five years, when he was ling the price of sawing wood on accottage owned by Mrs. Smith's aged killed while on picket guard as the count of the increased and account of the increased account of the increased and account o first sergeant of Troop M. 1st Arkan- rind. sas cavalry. They had one child, now Smith, "that I could forever set at Mrs. Sam White, also living with her rest that old, old problem, 'Is marriage second husband, and who has several

In less than a year, on October 10, 1864, she married William de Priest. them. One ran away with another They had two children, both boys, woman; the other, Brother Smith, will Allen and Albert, and after six years of married life De Priest died of spinal trouble.

Her next husband was Francis Milligan, and she married him January trouble, much of it," folding her 13, 1870. They had two children, a hands and gazing reflectively out over boy and a girl, both living. Milligan the hazy meadows, "but straightening | died of typhoid fever October 27,

She became Mrs. James Neff April 3, 1886, and, as told, he disappeared six months later. She secured a divorce in 1887 at Bolivar, Mo., and the same day married Jacob Crozier.

A peculiar fact about her marriage to Noff was that she was at the same time engaged to marry a man named Doyle, who lives near Humansville. She set the day, April 3, and made up her mind to marry whoever came first. Neff was the lucky man, and just as the minister, her present husband, pronounced them man and wife, Doyle rushed up, breathless, with the license in his hand. Neff laughed aloud and the new Mrs. Neff smiled as she said: "You're just five minutes too late."

She has been sorry ever since she didn't take Doyle. He is living in St. Clair County, Missouri, now, is wealthy, and has got over his disappoint-

One child, a girl, was the result of her union with Crozier, but she died in infancy. Crozier died October 14, 1892, of consumption.

Mrs. Crozier took her sixth matrimonial step October 5, 1894, when she married G. W. Dougherty. He died January 13, 1897.

All her husbands were farmers and fairly wealthy.

Besides marrying her to Neff, Col. Smith, ther present husband, officiated at the funerals of Crozier and Doughcrty, and baptized several of her

Cured Him.

The Chicago Journal says that when Mr. Perry left his office he put on the tures. "Even with Neff I never had door this notice: "Will be back at I

He had been gone some time when loved me. You see, I was hard to McGuire, one of his acquaintances, please. Some people look nice, but came to see him on business. McGuire they don't wear well, and I like the read the card, pulled out his watch, sniffed contemptuously, took out his pencil, wrote something on the card and went away.

> It was not long after that when another man came up, read the card, smiled, looked at his watch, wrote something and then went away.

Inside of a few minutes a third man arrived, examined the card, added something to the writing upon it and never been heard of. As the story griuned as he walked off. A fourth, goes, Mrs. Smith preserved the nuptial fifth and sixth man did the same

> When Perry returned at 2.15 o'clock this is what he found written under "You're a liar by the watch. J. B.

> McGuire. 1:15 p. m. "You lie again. George E. Smith.

> 1.25 p. m. "Amen. B. D. S. 1.30 p. m. "Ditto, R. M. Montgomery, 1.40

> "That'lldo, Ananias. John Himes. 1.48 p. m.

"Don't let it occur again. John M. Comstock. 2.10 p. m." He hasn't.

- The Chinese never dun for a debt. If the money is not paid when due, off comes an ear. If the custom prevailed in America, the mutilated members of society would be too pumerous to mention.

- About a third of the entire population of the world speak the Chinese language or its allied dialects.

From New Zealand.

Reefton, New Zealand, Nov. 23, 1896 .- I am very pleased to state that since I took the agency of Chamberlain's medicines the sale has been very large, more especially of the Cough Remedy. In two years I have ous five years. As to its efficacy, I have been informed by scores of per-E. J. SCANTLEBURY.

For sale by Hill-Orr Drug Co.

- Twenty-five thousand headstones are delivered every year at the expense "No, I don't think she does, but of the government to the friends of place them up at their own expense. "Yes, Brother Smith," she replied, The stones are three feet high from

- Probes, tubes, pincers, cauterizing instruments, medicine spoons of "Brother Smith," she went on, bone, silver measuring vessels, jars man hospital. Thus is the new world Mrs. Smith was been in Caldwell all the time seing itself imitated by



dangers of child-birthean child-birthean
be almost entirely avoided.
Wincof Cardui relieves extoneto the gen-italorgans, and

puts them in condition to do their work perfectly. That makes pregnancy less painful, shortens labor and hastens recovery after child-birth. It helps a woman bear strong healthy children.

MIELREET T

has also brought happiness to thousands of homes barren for years. A few doses often brings joy to loving hearts that long for a darling baby. No woman should neglect to try it for this trouble. It cures zine cases out of ten. All druggists sell Wine of Cardui. \$1.00 per bottle.

For advice in cases requiring special directions, address, giving symptoms, the "Ladies" Advisory Department," The Chattanooga Medicine Co., Chattanooga Medicine Co., Chattanooga Medicine Co.

Mrs. LOUISA HALE, of Jefferson, Ga., says:
"When I first took Wine of Cardul we hid been married three years, but could not have any children. Nine ments later I had a fine girl baby."

WINE OF CARDU

ALL parties indebted to me by note, account or otherwise will be each notified by letter of the amount, and unless each and every one is not responded to by the 10th of Nevember, I am going to send my collectors to make a personal call. This notice is intended to carry the idea that I mean to make collections, and any expenses incurred will be added to the debt.

J. S. FOWLER.

为你也然如此也然也然也然也然必然 saping"

Carminative Saved My Baby's Life." かな

LAMAR & RANKIN DRUG CO. I can not recommand Pitts' Carminative too strongly. I must say, I owe my baby's life to it.

I carneatly ask all mothers who have sickly or delicate children just to try one bottle and see what the result will be. Respectfully, -Inc. LIZZIE MURRAY. Jehness's Station, Ga.

Pitte' Carmhathra to cold by all Brog PRIOS, 28 OSTIO.



HIGHEST GRADE, MOST DURABLE. Sold on Easy Terms.

From this date until January 1st I will make a special Reduction in prices of PiANOS, OhGANS and SEWING MACHINES, A real Up-to-Date Piano for \$225.00 and up, Organo \$25.00 and up to \$85.00. Sowing Machines, fully warranted, for \$20.00. A new more few Home Machines for \$20.00. I sell the very best quality Needs 10c, per dezen. Od 5c, per buttle. Pachine Bends De. New Home Shutles 6bc, each. Romember, the above prices good full January 1st. I have a slightly used Piano, the celebrated Kimball make, left with me for sale at a burgain.

W. L. WILLIS, South Main Street From this date until January 1st I will

HEADACHE, FOUL BREATH, NO ENERGY, CONSTIPATION. These symptoms mean torpid liver and a clogged condition in the bowels. They also mean the general health is below par and disease is seeking to obtain control. Quickly removes these Symptoms, Strengthens the Stomach, Cleanses the Liver and Bowels and Promoter Functional Activity in the Kidneys. A few doces will restore his life and Pages in Dony and to an. SOLD BY ALL BRUNGING.

EVANS PHARMACY, Special Agents.

THE FARMERS LOAN AND TRUST CO.

WILL PAY YOU

INTEREST ON YOUR DEPOSIT.

Money to lend on mortgage real estate or other approved

Office at the Farmers and Merchants Bank.

HARRIS LITHIA WATER

Contains more Lithia than other natural Lithia Spring Water knows. and has the endorsement of the most noted Physicians of the country as to its Superiorty over all others.

After a long and varied experience in the use of mineral waters from many sources, both foreign and domestic, I am fully persuaded that the Harris Lithia Water possesses efficacy in the treatment of afflictions of the Kidney and Bladder unequalted by any other Water of which I have made true. This opinion is based upon observation of its effects upon my patients for the past three years, during which time I have prescribed it freely and almost uniformly with benefit in the medical maladies above mentioned.

A. N. TALLEY, M. D. Columbia, S. C., Oct. 8, 1892.

Columbia, S. C., Oct. 8, 1892.

Mr. J. T. Harris—Dear Sir: I have found the use of the water frem your Lithla Spring in South Carolina so efficacions in the case of a young lady patient of mine, who has suffered for years with Diabetes, with all its different attendants, that I want to add my testimonial to the many you already have. The patient I refer to has used the water freely at home for scarcely a menth new, with more beneficial results than from menths spent at the different noted lithia springs in different parts of the United States, besides long continued use of the same waters at home. Other of my patients and friends are now using the same with best results. I corollarly recommend it to all suffering from similar diseases.

Very respectfully yours. t to all suffering from similar diseases.

Pres. Southern Medical College, Atlanta, Co. In my experience as a physician nothing has given me greater satisfaction or yielded more certain results than your Lithis Water. I am using it myself and prescribing it in my practice, and do unqualifiedly recommend it for dyspepsia and all kidney troubles whose Lithia is indicated. I have never been disappointed in its use in a single instance.

LAURENCE W. VEEPLES, M. D., Greenville, S. C.

For sale by J. F. FANT, Anderson, S. C. HARRIS LITITA WATER CO.,

HARRIS SPRINGS, & & M. HUBBARI FRENCH II NA

NOTICE!

ALL parties who owe the firm of Bleckley & Fretwell on account, or for Mules, Wagons, Buggies or otherwise, are hereby notified that the amount they owe must be settled up promptly this Fall,

this Notice will be apprecia-

ted. JOS. J. FRETWELL. Survivor.

THE BANK OF ANDERSON We Pay Interest on Time Deposits by Agreement.

Capital - - - - \$165,000 Surplus and Profits - - 100,000 Total - - - - \$265,000

OFFICERS.
J. A. BROCK, President.
JOS. N. BROWN, Vice-President.
B. F. MAULDIN, Cashier. J. W. Norris.
N. O. Farmer.
J. A. Brock.
J. J. Fretwell.
B. F. Mayldis.

Having the largest capital and surplus of any Bank in the State outside of Charleston, we offer depositors the strongest security.

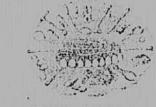
This applies to our Savings Department, where we pay interest, as well as to active accounts.

We loan to regular depositor customers at our lowest rates. lowest rates.

Private loans arranged without charge between our customers, and other investments secured when desired. when desired.

With twenty-five years experience in banking, and with an excited fact the acour command, we are prepared to give satisfaction in all business transactions, and with as heretofore, take care of the interests of ear tegstar customers at all times.

Drs. Strickland & King



DENTYSTS.

OFFICE IN MASONIC TRMPLE and are ambilities to accure permanent employment and are ambilities to attain prominence in the profession is invised.

W. J. RODUEY, Manager, Rock Hill, S. C.

RICE, RICE.

CONSIGNMENTS of Rough Rico soof proceeds or account sales. Highest market prices paid for good Blee
"Carolina Rice Meal" or "Flour," the "Carolina Rice Ment" or "Flour," the cheapest and best stock food on the market, for sale at low figures
WEST POINT MILL CO.,
Charleston, S. C.
Oct. 26, 1808 18 2m

Notice Final Settlement.

THE undersigned, Executor of the Estate of Martha A. Glenn, deceased, hereby gives notice that he will as this is the last year that I on the 10th day December, 1808, apply to have to settle up the affairs of the Judge of Probate for American Countries in the firm.

Your prompt attention to New 9, 1808 20 5

Notice of Final Settlement.

THE undersigned, administrator of Estate of William ringises, deed, here-by gives notice that he will on the 2nd day of December, isis, apply to the Judge of Probate by Anderson County, S. C., for a Final Settlement of said Be-bate, and a discharge from his office as Executor. Executor.

JOSEPH R. SIMPSON, Adnes.

19 5

W. G. McGEE, SURCEON DENTIST.

OFFICE-Front Root, ove. Parmer ANDERSON, S. C. Feb 9, 1898 33

NOTICE.

I have opened up a First Class Harness Shop in Payne's old stand, and am ready to serve the Public with everything in the Harness Line at short notice. Repairing a Specialty. Bring on your old Harness, Bridles, Saddles, Collars, Trunks and Valises, and have them done up in a Workmanlike Manner. All I ask is a TRIAL. Patronize Home Industry. B. D. KERR.

NOTICE.

Hept 14, 1898

THE management of the Equitable Life A currence Society in this territory is desire us of securing the services of a man of couract rand ability to represent its between with Anderson as headquarters. The right many will be thoroughly educated in the cience of Life Lisuance and the art of successful solicing. There is no business or profession not requiring capital which is more rand area to that a life agency conducted with entery and